INTERNATIONAL SEARCH REPORT

Inter nal Application No
PC171B2004/052332

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A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H02M3/335									
According to international Potent Classification (IBC) or to both notional elastification and IBC									
According to international Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED									
Minimum documentation searched (classification system followed by classification symbols)									
IPC 7 HO2M									
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched									
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)									
EPO-In	ternal, WPI Data, PAJ, INSPEC								
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT								
Category °	Citation of document, with indication, where appropriate, of the re	levant passages	Relevant to dalm No.						
х	US 6 373 722 B1 (MALIK RANDHIR S	1							
Ιγ	16 April 2002 (2002-04-16)		2-5,7						
	column 3, lines 5-15 claim 1 figure 2		2-3,7						
Υ	DE 32 10 567 A1 (ANT NACHRICHTEN GMBH; ANT NACHRICHTENTECHNIK GMBI BACKNAN) 2 February 1984 (1984-02 page 8, lines 13-17 figure 1	2-5,7							
A	US 5 781 420 A (XIA ET AL) 14 July 1998 (1998-07-14) cited in the application abstract figure 1	1–7							
Further documents are listed in the continuation of box C. Patent family members are listed in annex.									
"A" docume consider a filling of the citation of the results of the citation of the results of the citation of the results of	ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another n or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or	 "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family 							
Date of the	Date of the actual completion of the international search Date of mailing of the international search report								
2	6 January 2005	02/02/2005							
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2		Authorized officer							
	NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016	Roider, A							

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